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## (54) PARTICULATE POLYMER FOR CARRYING PHYSIOLOGICALLY ACTIVE SUBSTANCE AND PRODUCTION METHOD THEREFOR

(57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a particulate polymer for binding physiologically active substances, e.g. proteins such as antibodies, nucleic acid substances, e.g. DNA, RNA or the like or physiologically active saccharide chain compounds to the particle surfaces and is useful in the fields of medicines and biology, more particularly obtain a particulate polymer in which the particles are made hydrophilic and the adsorption of undesired physiologically active substances (the nonspecific adsorption of the substances) is reduced to a lower level.

**SOLUTION:** A monomer mixture that includes 10 wt.% of a radically polymerizable vinyl monomer bearing hydroxyl groups or methoxy groups is polymerized to obtain the particulate polymer for carrying the physiologically active substances.